

+

PTO/SB/08A (08-00)

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/883,196
Filing Date	June 19, 2001
First Named Inventor	Ben HITT
Group Art Unit	2121
Examiner Name	Joseph P. Hirl
Attorney Docket Number	CORR-001/01US

Sheet	1	of	4
-------	---	----	---

U.S. PATENT DOCUMENTS

[illegible]


RECEIVED

~~JAN 06 2004~~

Technology Center 2100

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
H	12		WO 00/55628	A1	Oxford Glycosciences	09-21-2000	
H	13		WO 99/58972	A1	Tsipouras, Petros	11-18-1999	
H	14		WO 00/49410	A3	The Government Of the United States of America as represented by the Secretary of the Department of Health and Human Services	08-24-2000	
H	15		WO 99/47925	A2	Oxford Glycosciences	09-23-1999	
H	16		WO 99/41612		Oxford Glycosciences	08-19-1999	
H	17		WO 93/05478	A1	Becton, Dickinson & Company	03-18-1993	

Examiner Signature		Date Considered	3/10/4
-----------------------	---	--------------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number.

² See attached Kinds of U.S. Patent Documents.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

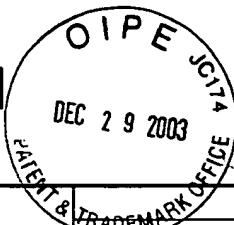
⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box

+



PTO/SB/08A (08-00)

Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/883,196
				Filing Date	June 19, 2001
				First Named Inventor	Ben HITT
				Group Art Unit	2121
				Examiner Name	Joseph P. Hirl
Sheet	2	Of	4	Attorney Docket Number	CORR-001/01US

RECEIVED

JAN 06 2004

Technology Center 2100

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
H	18	Loging, TW et al., "Identifying Potential Tumor Markers and Antigens by Database Mining and Rapid Expression Screening," Genome Research, 10(9):1393-402 (September 2000)		
H	19	Krishnamurthy, T. et al. "Detection of Pathogenic and Non-Pathogenic Bacteria by Matrix-assisted Laser Desorption/Ionization Time-of-flight Mass Spectrometry," Rapid Comms. in Mass Spectrometry, Vol 10, 883-888 (1996)		
H	20	Adam, B-L et al., "Serum Protein Fingerprinting Coupled with a Pattern-matching Algorithm Distinguishes Prostate Cancer from Benign Prostate Hyperplasia and Healthy Men," Cancer Research 62, 3609-3614 (July 1, 2002).		
H	21	Li, J. et al. "Proteomics and Bioinformatics Approaches for Identification of Serum Biomarkers to Detect Breast Cancer," Clinical Chemistry 48:8, 1296-1304 (2002).		
H	22	Petricion III, E.F. et al., "Use of proteomic patterns in serum to identify ovarian cancer," The Lancet, Vol. 359, 572-577 (February 16, 2002).		
H	23	Brown, M.P.S. et al. "Knowledge-based analysis of microarray gene expression data by using support vector machines," PNAS Vol. 97, No. 1, pp. 262-267 (January 4, 2000).		
H	24	Kiem, H. & Phuc, D, "Using Rough Genetic and Kohonen's Neural Network for Conceptual Cluster Discovery in Data Mining," New Directions in Rough Sets, Data Mining and Granular-Soft Computing. International Workshop, RSFDGRC Proceedings, pp. 448-452 (November 9, 1999).		
H	25	Chang, E.I et al., "Using Genetic Algorithms to Select and Create Features for Pattern Classification," IJCNN International Joint Conf. on Neural Networks, pp. III-747 to III-752 (January 8, 1991).		
H	26	Rosty C. et al., "Identification of Hepatocarcinoma-Intestine-Pancreas/Pancreatitis-associated Protein I as a Biomarker for Pancreatic Ductal Adenocarcinoma by Protein Biochip Technology," Cancer Research 62:1868-75 (March 15, 2002).		
H	27	Claydon, M.A., "The rapid identification of intact microorganisms using mass spectrometry," Nature Biotech. 14:1584-1586 (November 1996).		
H	28	Bittl, J.A., "From Confusion to Clarity: Direct Thrombin Inhibitors for Patients with Heparin-Induced Thrombocytopenia," Cath. and Cardio. Interventions 52:473-475 (2001).		

Examiner Signature		Date Considered	3/10/4
--------------------	--	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

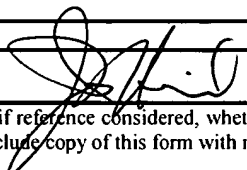
¹ Unique citation designation number.

² Applicant is to place a check mark here if English language Translation attached.



INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	09/883,196		
		Filing Date	June 19, 2001		
		First Named Inventor	Ben HITT		
		Group Art Unit	2121		
Examiner Name	Joseph P. Hirl	RECEIVED JAN 06 2004			
Attorney Docket Number	CORR-001/01US				
Sheet	3	Of	4	Technology Center 2100	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ²	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ³
H	29	Paweletz, C.P., "Rapid Protein Display Profiling of Cancer Progression Directly from Human Tissue Using a Protein Biochip, Drug Development Research 49:34-42 (2000).	
H	30	Ciphergen European Update, 1:1-4 (2001).	
H	31	Kohonen, T. "Self Organizing Maps (Springer 2001), pp. 1-70.	
H	32	Jun Zhang, <i>Dynamics and Formation of Self-Organizing Maps</i> , in "Self-Organizing Map Formation: Foundations of Neural Computation," pp. 55-67 (Klaus Obermayer & Terrence J. Sejnowski eds.)	
H	33	Kohonen, T. "Self-Organization and Associative Memory" (Springer 1988), pp. 30-67.	
H	34	Holland, J.H., "Adaption in Natural and Artificial Systems: An Introductory Analysis with Applications to Biology, Control, and Artificial Intelligence" (MIT Press 2001), pp. 1-31; 89-119.	
H	35	Claydon et al. "The Rapid Identification of Intact Microorganisms Using Mass Spectrometry," Nat. Biotechnol. Nov. 1996, Abstract (1 page).	
H	36	Yao et al. "Evolving Artificial Neural Networks for Medical Applications." Proc. of the First Korea-Australia Joint Workshop on Evolutionary Computation, September 1995, pp. 1-16.	
H	37	Goodacre et al. "Rapid Identification of Urinary Tract Infection Bacteria using Hyperspectral Whole-Organism Fingerprinting and Artificial Neural Networks," Microbiology, Vol. 144, 1998, pp. 1157-70.	
H	38	Pei et al. "Feature Extraction Using Genetic Algorithms," Proceedings of the First International Symposium on Intelligent Data Engineering and Learning, IDEAL '98, Springer, Hong Kong, October 1998, pp. 371-84.	
H	39	Jain et al. "Statistical Pattern Recognition: A Review," IEEE Trans. on Pattern Analysis and Machine Intelligence, Vol. 22, No. 1, January 2000, pp. 4-37.	

Examiner Signature		Date Considered	3/10/04
--------------------	---	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

